CLAIMS

What is Claimed is:

A deceleration-limiting barrier, comprising: 2 a net; 3 anchors; and a flexible strip arranged to secure the net to the anchors, with portions of the strip 4 joined together in a manner as to be susceptible to being pulled apart under a load that is less 5 than a load capacity of the strip. The barrier of claim 1, wherein the portions of the strip are joined with 2. 1 fasteners having a tensile strength that is less than a tensile strength of the strip. The barrier of claim 1, wherein the fasteners are stitched into the portions of the strip. The barrier of claim 1, further comprising a first sacrificial panel adapted to 1 hold up the net in a vertical position. The bargier of claim 4, wherein the first sacrificial panel includes a smooth surface on one side.



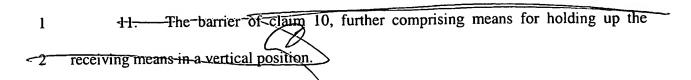
1 6. The barrier of claim 4, further comprising a second sacrificial panel,	the first
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- and second sacrificial panels sandwiching the net therebetween.
- The barrier of claim 1, wherein a plurality of barriers are placed end-to-end
- 2 alongside a roadway.
- 1 8. The barrier of claim 1, wherein the strip provides a substantially constant
- 2 level of deceleration.
- 1 9. The barrier of claim 1, wherein the strip provides a non-constant level of
- 2 deceleration.

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10. A barrier for limiting decelerating of a moving body, comprising:

- 2 means for receiving and retaining the moving body;
- means for anchoring the receiving and retaining means; and
- 4 means for decelerating the moving body in a controlled manner to thereby limit the
- 5 deceleration thereof to below a predefined maximum deceleration level.



- 1 12. The barrier of claim 10, wherein the deceleration means provides a substantially constant level of deceleration.
- 1 13. The barrier of claim 10, wherein the deceleration means provides a 2 non-constant level of deceleration.

A deceleration-limiting roadway barrier system, comprising:

a first row of barriers positioned end-to-end alongside a roadway;

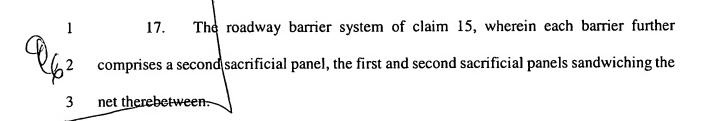
a second row of barriers positioned end-to-end alongside the first row of barriers, the barriers of the first row being staggered from the barriers of the second row;

a plurality of anchors fixedly mounted in the ground alongside the roadway; and each barrier comprising a net and one or more flexible strips arranged to secure the net to one or more anchors, with portions of each strip joined together in a manner as to be susceptible to being pulled apart under a load that is less than a load capacity of the strip.

- 1 15. The roadway barrier system of claim 14, wherein each barrier further
- 2 comprises a first sacrificial panel adapted to hold up the net in a vertical position.

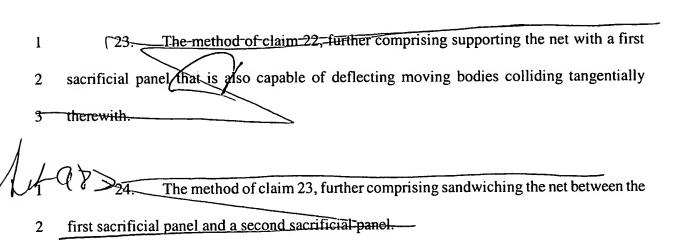
>16. The roadway barrier system of claim 15, wherein the first-sacrificial-panel

2 includes a smooth surface on one side.



- 1 18. The roadway barrier system of claim 14, wherein the strip provides a substantially constant level of deceleration.
- 1 19. The roadway barrier system of claim 14, wherein the strip provides a 2 non-constant level of deceleration.
- 1 20. The roadway barrier system of claim 14, further comprising a plurality of 2 support members mounted alongside the first and second row of barriers.
- 1 21. The roadway barrier system of claim 14, wherein each barrier has a male 2 portion and a corresponding female portion of a mated joint.

2 receiving the moving body in a net;
3 deploying a plurality of energy absorbing straps attached to the net;
4 decelerating the moving body using the energy absorbing straps; and
5 limiting the deceleration of the moving body to below a predefined maximum
6 deceleration level.



- 1 25. The method of claim 22, further comprising anchoring a first row of nets
- 2 end-to-end alongside a roadway and a second row of nets end-to-end alongside the first row.
- 1 26. The method of claim 25, wherein the nets in the first row are staggered 2 relative to the nets in the second row.
- 1 27. The method of claim 22, further comprising decelerating the moving body at 2 a substantially constant deceleration.
- 1 28. The method of claim 22, further comprising decelerating the moving body at
- 2 a non-constant deceleration.

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